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PATENT  
Customer No. 22,852  
Attorney Docket No. 04853.0074-00000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kunio SHIOTA et al. ) Group Art Unit: 1631  
Application No.: 09/881,748 ) Examiner: John S. Brusca  
Filed: June 18, 2001 )  
For: METHOD OF IDENTIFYING CELLS USING )  
DNA METHYLATION PATTERNS )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of a Final Office Action, a Notice of Allowance, or an action that otherwise closes prosecution. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Copies of the listed documents are attached.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed

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documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: November 26, 2003

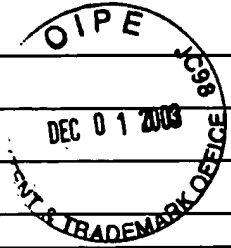
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## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04853.0074-00000	Serial No.	09/881,748
Applicant	Kunio SHIOTA et al.		
Filing Date	June 18, 2001	Group:	1631



U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Costello et al., "Methylation Matters: a New Spin on Maspin," <i>Nature Genetics</i> , 31:123-124 (2002).
	Razin et al., "Variations in DNA Methylation During Mouse Cell Differentiation <i>in vivo</i> and <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 81:2275-2279 (1984).
	Razin et al., "DNA Methylation and Gene Function," <i>Science</i> , 210:604-610 (1980).
	Holliday et al., "DNA Modification Mechanisms and Gene Activity During Development," <i>Science</i> , 187:226-232 (1975).
	Shiota et al., "Epigenetic Marks by DNA Methylation Specific to Stem, Germ and Somatic Cells in Mice," <i>Genes to Cells</i> , 7:961-969 (2002).

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce